MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

September 1946

ROBERT W. SLOANE, DIRECTOR

Printed at the American Press
Beirut, Lebanon

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WEATHER BUREAU

SEPTEMBER 1946

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrees Centigrade					
	8.30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	55.6	55.0	54.9	55.2	34.6	23.4	30.5	32.7	26.1	29.8
2	5.2	4.8	5.0	5.0	33.4	23.8	28.4	30.7	26.0	28.4
3	5.5	5.3	5.9	5.6	33.8	23.8	31.2	31.7	25.9	29.6
4	3.4	5.0	5.3	4.6	33.9	23.8	29.1	32.2	26.2	29.2
5	5.3	4.5	5.0	4.9	33.3	24.4	29.4	31.9	26.1	29.1
6	55.2	54.8	54.9	55.0	33.4	24.6	28.4	31.2	26.1	28.6
7	6.0	5.4	5.3	5.6	35.1	26.9	29.4	32.9	27.3	29.9
8	4.8	4.2	4.3	4.4	37.1	27.2	31.1	32.8	28.4	30.8
9	5.4	5.2	6.1	5.6	34.1	25.8	29.3	32.4	27.3	29.7
10	7.1	6.1	6.5	6.5	33.8	25.3	29.6	32.2	27.2	29.7
11	55.9	55.6	55.9	55.8	34.0	24.6	29.0	31.6	27.2	29.3
12	6.0	6.0	6.5	6.2	33.9	26.1	29.4	31.7	27.3	29.5
13	7.3	7.2	7.4	7.3	32.9	22.8	28.3	31.5	27.0	28 9
14	8.0	7.9	8.1	8.0	32.7	22.3	22.1	31.3	27.2	26.9
15	9.0	8.7	9.6	9.1	31.6	24.7	27.9	31.3	25.5	28.2
16	60.0	59.5	59.5	59.7	32.1	23.8	28.8	31.0	25.6	28.5
17	59.7	8.7	8.5	9.0	31.6	23.4	28.2	29.6	24 5	27.4
18	8.1	6.8	7.0	7.3	31.1	24.2	26.5	29.4	24 9	26.9
19	7.3	6.7	7.2	7.1	31.5	24.3	27.8	30.2	25.8	27.9
20	8.7	8.5	8.3	8.5	31.8	23.9	29.4	30.1	26.2	28.6
21	60.8	61.1	62.5	61.5	32.9	24.2	29.4	31.6	25.9	28.9
22	1.2	0.4	59.8	0.5	31.6	24.4	27.8	31.4	25.8	28.3
23	59.3	59.0	9.6	59.3	31.8	23.8	27.9	29.9	26.3	28.0
24	60.3	9.8	61.0	60.4	31.7	24.2	27.9	29.0	25.1	27.3
25	1.9	61.4	1.5	1.6	31.8	24.1	28.9	29.9	25.3	28.0
26	61.5	60.1	60.4	60.7	31.6	23.6	28.3	30.0	25.2	27.8
27	59.4	58.0	58.0	58.5	31.4	20.1	27.7	30.0	25.4	27.7
28	8.2	7.8	8.8	8.3	31.1	22.9	25.7	29.4	24.6	26.6
29	9.8	9.4	9.8	9.7	31.3	22.5	27.2	29.3	25.3	27.3
30	60.1	9.0	9.4	9.5	30.3	22.4	26.6	29.0	25.4	27.0
	57.86	57.39	57.73	57.68	32.70	24.04	28.37	30.93	26.07	28.46

Barometer, range for month 762.5 — 753.4 mm.
,, 71-yr. average for month 758.74 mm.
Thermometer, range for month 37.1° — 20.1°C
,, 71-yr. average for month 27.°209 C.
Rain, total for month 20.06 m.m.
,, 71-yr. average for month 6.19 m.m.
,, Total, Sept. 1st. to end of month 20.06 mm.
,, 71-yr. average, Sept. 1st. to end of month 6.19 mm

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor mm.				Relative Humidity per cent.				Sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	18.0	18.2	14.2	16.8	56	50	56	54	11.9	309.0	
2	18.2	21.0	20.2	19.8	61	63	81	68	11.4	351.0	
3	18.5	19.8	17.0	18.4	53	57	68	59	11.2	394.0	
4	21.7	22.9	22.6	22.4	72	64	90	75	11.1	295.0	
5	20.4	23.6	22.2	22.1	74	67	89	77	11.1	232.0	
6	22.8	20.4	21.3	21.5	79	59	85	74	11.0	251.0	
7	21.0	21.7	22.5	21.7	68	58	84	70	11.2	421.0	
8	23.8	22.9	25.5	24.1	71	62	89	74	10.6	460.0	
9	25.8	26.6	23.9	25.4	85	73	89	82	9.0	354.0	0.25
10	22.9	22.6	22.2	22.6	74	63	83	73	10.8	309.0	
11	21.6	22.2	23.2	22.3	72	64	87	74	11.0	386.0	
12	23.3	22.5	22.4	22.7	76	65	84	75	11.0	373.0	
13	20.7	20.5	23.0	21.4	72	59	87	73	9.5	156.0	
14	18.6	20.0	22.5	20.4	94	58	85	79	9.0	140.0	1.52
15	19.8	19.6	18.5	19.3	71	57	76	68	9.5	188.0	
16	20.1	18.7	19.8	19.5	68	56	81	68	9.6	214.0	
17	19.6	20.6	19.3	19.8	69	66	84	73	9.4	216.0	
18	19.7	22.2	18.8	20.2	77	68	79	75	9.5	268.0	
19	21.0	22.0	19.6	20.9	76	69	79	75	9.5	253.0	
20	20.8	22.0	20.0	20.9	68	69	80	72	9.5	217.0	
21	17.8	21.7	20.1	19.9	58	61	80	66	9.4	229.0	
22	20.0	21.7	20.2	20.6	72	63	81	72	9.6	161.0	
23	19.7	19.6	19.9	19.7	71	62	78	70	9.4	286.0	
24	19.7	17.9	18.6	18.7	71	67	79	72	9.5	248.0	
25	20.6	20.6	19.5	20.2	70	64	82	72	9.6	286.0	
26	20.5	21.7	19.5	20.6	72	68	81	74	7.8	266.0	
27	20.3	20.4	19.5	20.1	73	64	81	73	9.1	418.0	
28	16.6	21.1	18.4	18.7	68	68	80	72	9.8	298.0	0.51
29	19.5	21.3	18.5	19.8	73	70	77	73	9.4	200.0	17.78
30	18.2	17.9	17.2	17.8	69	60	71	67	9.6	230.0	
	20.37	21.13	20.33	20.61	71.1	63.1	80.8	71.6	10.00	280.3	0.66

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of reading minus 2 hours equals G.C.T.
71 year averages are for period, 1875-1945

SEPTEMBER 1946
METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	0	1nw	0	calm	
2	0	3cu	1cu	1.3	1sw	1w	1w	„	
3	0	0	2ci	0.7	1sw	1sw	0	„	
4	0	0	0	0.0	1w	2sw	0	„	
5	0	0	0	0.0	1w	1w	0	light	
6	1cu	0	0	0.3	1w	1w	0	calm	
7	0	0	0	0.0	0	1sw	0	„	
8	1st	0	6cu	2.3	1ne	1ne	2sw	light	Sirocco at 5 p.m & Tr.
9	5cu	2ci	1cu	2.7	2sw	2sw	0	slight	
10	2cu	4cu	0	2.0	1sw	1sw	0	„	
11	1cu	2cu	0	1.0	0	1w	0	light	
12	2cu	1cu	9cu	4.0	2sw	1sw	0	„	
13	5cu	1cu	3cu	3.0	1sw	1sw	1sw	slight	
14	8cu-ni	0	0	2.7	1w	2nw	1sw	light	
15	0	0	0	0.0	0	1sw	0	calm	
16	0	1cu	0	0.3	1w	1w	0	calm	
17	0	0	0	0.0	1sw	1w	0	„	
18	1cu	0	1cu	0.7	0	1sw	1sw	„	
19	0	2ci	0	0.7	0	2sw	0	light	
20	0	0	0	0.0	1nw	1w	0	„	
21	0	0	0	0.0	1nw	1ne	0	light	
22	0	0	0	0.0	0	0	1sw	calm	
23	1cu	2cu	0	1.0	1w	1sw	1w	light	
24	0	0	0	0.0	1sw	1w	1w	calm	
25	0	2cu	0	0.7	2n	1sw	1sw	light	
26	0	0	0	0.0	1se	1w	0	„	
27	6cu-ni	3cu	4cu-ni	4.3	1sw	2sw	1sw	„	
28	1ci	0	0	0.3	1sw	1sw	0	„	
29	0	0	0	0.0	1w	1w	1w	„	
30	1ci	4cu	0	1.7	1nw	1sw	1nw	„	
31									
				0.98					

* Abbreviations :— G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	1	0	1	0	10	7	3	7	30
14:30	0	2	0	0	0	15	10	2	1	30
20:30	0	0	0	0	0	7	4	1	18	30
Totals	1	3	0	1	0	32	21	6	26	90

Number of days with rain 4, fog 0, thunderstorms 0, gale 0.

71 yr av. number of days with rain during month 1.13